<u>IN THE CLAIMS:</u>

1.(Original) A method of manufacturing a display device comprising: forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming a first layer comprising titanium on the semiconductor region; forming a second layer comprising aluminum on the first layer; forming a third layer comprising titanium on the second layer; and forming a pixel electrode comprising a conductive oxide film on the third layer.

- 2.(Original) A method of manufacturing a display device according to claim 1 wherein the semiconductor region comprises crystalline silicon.
- 3.(Original) A method of manufacturing a display device according to claim 1 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.
- 4.(Original) A method of manufacturing a display device according to claim 1 wherein the first layer comprises titanium nitride.
- 5.(Original) A method of manufacturing a display device according to claim 1 wherein the second layer comprises aluminum containing 1% silicon.
- 6.(Original) A method of manufacturing a display device according to claim 1 wherein the third layer comprises titanium nitride.
- 7.(Original) A method of manufacturing a display device according to claim 1 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

- 8.(Original) A method of manufacturing a display device according to claim 1 wherein the gate electrode is formed over the semiconductor region.
- 9.(Original) A method of manufacturing a display device according to claim 1 wherein the display device is an active matrix type liquid crystal display device.

10.(Original) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a
semiconductor region and a gate electrode with a gate insulating film interposed
therebetween;

forming a first layer comprising titanium on the semiconductor region; forming a second layer comprising aluminum on the first layer; forming a third layer comprising titanium on the second layer; forming a conductive oxide film on the third layer; and patterning the conductive oxide film so as to form a pixel electrode.

- 11.(Original) A method of manufacturing a display device according to claim 10 wherein the semiconductor region comprises crystalline silicon.
- 12.(Original) A method of manufacturing a display device according to claim 10 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.
- 13.(Original) A method of manufacturing a display device according to claim 10 wherein the first layer comprises titanium nitride.
- 14.(Original) A method of manufacturing a display device according to claim 10 wherein the second layer comprises aluminum containing 1% silicon.

15.(Original) A method of manufacturing a display device according to claim 10 wherein the third layer comprises titanium nitride.

16.(Original) A method of manufacturing a display device according to claim 10 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

17.(Original) A method of manufacturing a display device according to claim 10 wherein the gate electrode is formed over the semiconductor region.

18.(Original) A method of manufacturing a display device according to claim 10 wherein the display device is an active matrix type liquid crystal display device.

19.(Original) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a
semiconductor region and a gate electrode with a gate insulating film interposed
therebetween;

forming a first layer comprising titanium on the semiconductor region;
forming a second layer comprising aluminum on the first layer;
forming a third layer comprising titanium on the second layer;
patterning the first to third layers so as to form an electrode; and
forming a pixel electrode comprising a conductive oxide film on the third layer of the
electrode.

- 20.(Original) A method of manufacturing a display device according to claim 19 wherein the semiconductor region comprises crystalline silicon.
- 21.(Original) A method of manufacturing a display device according to claim 19 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.

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wherein the first layer comprises titanium nitride.

23.(Original) A method of manufacturing a display device according to claim 19

22.(Original) A method of manufacturing a display device according to claim 19

wherein the second layer comprises aluminum containing 1% silicon.

24.(Original) A method of manufacturing a display device according to claim 19

wherein the third layer comprises titanium nitride.

25.(Original) A method of manufacturing a display device according to claim 19

wherein the gate electrode comprises at least one selected from the group consisting of

aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

26.(Original) A method of manufacturing a display device according to claim 19

wherein the gate electrode is formed over the semiconductor region.

27.(Original) A method of manufacturing a display device according to claim 19

wherein the display device is an active matrix type liquid crystal display device.

28.(Original) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a

semiconductor region and a gate electrode with a gate insulating film interposed

therebetween;

forming a first layer comprising titanium on the semiconductor region;

forming a second layer comprising aluminum on the first layer;

forming a third layer comprising titanium on the second layer;

patterning the first to third layers so as to form an electrode;

forming a conductive oxide film on the third layer of the electrode; and

patterning the conductive oxide film so as to form a pixel electrode.

- 29.(Original) A method of manufacturing a display device according to claim 28 wherein the semiconductor region comprises crystalline silicon.
- 30.(Original) A method of manufacturing a display device according to claim 28 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.
- 31.(Original) A method of manufacturing a display device according to claim 28 wherein the first layer comprises titanium nitride.
- 32.(Original) A method of manufacturing a display device according to claim 28 wherein the second layer comprises aluminum containing 1% silicon.
- 33.(Original) A method of manufacturing a display device according to claim 28 wherein the third layer comprises titanium nitride.
- 34.(Original) A method of manufacturing a display device according to claim 28 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 35.(Original) A method of manufacturing a display device according to claim 28 wherein the gate electrode is formed over the semiconductor region.
- 36.(Original) A method of manufacturing a display device according to claim 28 wherein the display device is an active matrix type liquid crystal display device.
- 37.(Original) A method of manufacturing a display device comprising:

 forming a thin film transistor over a substrate, the thin film transistor comprising a
 semiconductor region and a gate electrode with a gate insulating film interposed
 therebetween;

forming a first layer comprising titanium on the semiconductor region, wherein the first layer does not contain nitrogen;

forming a second layer comprising aluminum on the first layer; forming a third layer comprising titanium on the second layer; and forming a pixel electrode comprising a conductive oxide film on the third layer.

- 38.(Original) A method of manufacturing a display device according to claim 37 wherein the semiconductor region comprises crystalline silicon.
- 39.(Original) A method of manufacturing a display device according to claim 37 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.
- 40.(Original) A method of manufacturing a display device according to claim 37 wherein the second layer comprises aluminum containing 1% silicon.
- 41.(Original) A method of manufacturing a display device according to claim 37 wherein the third layer comprises titanium nitride.
- 42.(Original) A method of manufacturing a display device according to claim 37 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 43.(Original) A method of manufacturing a display device according to claim 37 wherein the gate electrode is formed over the semiconductor region.
- 44.(Original) A method of manufacturing a display device according to claim 37 wherein the display device is an active matrix type liquid crystal display device.

45.(Original) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween:

forming a first layer comprising titanium on the semiconductor region, wherein the first layer does not contain nitrogen;

forming a second layer comprising aluminum on the first layer;

forming a third layer comprising titanium on the second layer;

forming a conductive oxide film on the third layer; and

patterning the conductive oxide film so as to form a pixel electrode.

46.(Original) A method of manufacturing a display device according to claim 45 wherein the semiconductor region comprises crystalline silicon.

47.(Original) A method of manufacturing a display device according to claim 45 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.

48.(Original) A method of manufacturing a display device according to claim 45 wherein the second layer comprises aluminum containing 1% silicon.

49.(Original) A method of manufacturing a display device according to claim 45 wherein the third layer comprises titanium nitride.

50.(Original) A method of manufacturing a display device according to claim 45 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

51.(Original) A method of manufacturing a display device according to claim 45 wherein the gate electrode is formed over the semiconductor region.

- 52.(Original) A method of manufacturing a display device according to claim 45 wherein the display device is an active matrix type liquid crystal display device.
- 53.(Original) A method of manufacturing a display device comprising:

 forming a thin film transistor over a substrate, the thin film transistor comprising a
 semiconductor region and a gate electrode with a gate insulating film interposed
 therebetween:

forming a first layer comprising titanium on the semiconductor region, wherein a portion of the first layer in contact with the semiconductor region comprises titanium silicide; forming a second layer comprising aluminum on the first layer; forming a third layer comprising titanium on the second layer; and forming a pixel electrode comprising a conductive oxide film on the third layer.

- 54.(Original) A method of manufacturing a display device according to claim 53 wherein the semiconductor region comprises crystalline silicon.
- 55.(Original) A method of manufacturing a display device according to claim 53 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.
- 56.(Original) A method of manufacturing a display device according to claim 53 wherein the first layer comprises titanium nitride.
- 57.(Original) A method of manufacturing a display device according to claim 53 wherein the second layer comprises aluminum containing 1% silicon.
- 58.(Original) A method of manufacturing a display device according to claim 53 wherein the third layer comprises titanium nitride.

- 59.(Original) A method of manufacturing a display device according to claim 53 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 60.(Original) A method of manufacturing a display device according to claim 53 wherein the gate electrode is formed over the semiconductor region.
- 61.(Original) A method of manufacturing a display device according to claim 53 wherein the display device is an active matrix type liquid crystal display device.
- 62.(Original) A method of manufacturing a display device comprising:
 forming a thin film transistor over a substrate, the thin film transistor comprising a
 semiconductor region and a gate electrode with a gate insulating film interposed
 therebetween;

forming a first layer comprising titanium on the semiconductor region, wherein a portion of the first layer in contact with the semiconductor region comprises titanium silicide; forming a second layer comprising aluminum on the first layer; forming a third layer comprising titanium on the second layer; forming a conductive oxide film on the third layer; and patterning the conductive oxide film so as to form a pixel electrode.

- 63.(Original) A method of manufacturing a display device according to claim 62 wherein the semiconductor region comprises crystalline silicon.
- 64.(Original) A method of manufacturing a display device according to claim 62 wherein the conductive oxide film comprises one selected from the group consisting of indium tin oxide, zinc oxide, and nickel oxide.
- 65.(Original) A method of manufacturing a display device according to claim 62 wherein the first layer comprises titanium nitride.

- 66.(Original) A method of manufacturing a display device according to claim 62 wherein the second layer comprises aluminum containing 1% silicon.
- 67.(Original) A method of manufacturing a display device according to claim 62 wherein the third layer comprises titanium nitride.
- 68.(Original) A method of manufacturing a display device according to claim 62 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 69.(Original) A method of manufacturing a display device according to claim 62 wherein the gate electrode is formed over the semiconductor region.
- 70.(Original) A method of manufacturing a display device according to claim 62 wherein the display device is an active matrix type liquid crystal display device.
- 71.(Currently Amended) A method of manufacturing a display device comprising: forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; and

forming a pixel electrode comprising a conductive oxide film zinc oxide over the second layer.

72.(Previously Presented) A method of manufacturing a display device according to claim 71 wherein the semiconductor region comprises crystalline silicon.

73.(Canceled)

74.(Previously Presented) A method of manufacturing a display device according to claim 71 wherein the first layer comprises titanium nitride.

75.(Previously Presented) A method of manufacturing a display device according to claim 71 wherein the second layer comprises aluminum containing 1% silicon.

76.(Previously Presented) A method of manufacturing a display device according to claim 71 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

77.(Previously Presented) A method of manufacturing a display device according to claim 71 wherein the gate electrode is formed over the semiconductor region.

78.(Previously Presented) A method of manufacturing a display device according to claim 71 wherein the display device is an active matrix type liquid crystal display device.

79.(Currently Amended) A method of manufacturing a display device comprising: forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer;

forming a conductive oxide film <u>comprising zinc oxide</u> over the second layer; and patterning the conductive oxide film <u>comprising zinc oxide</u> so as to form a pixel electrode.

80.(Previously Presented) A method of manufacturing a display device according to claim 79 wherein the semiconductor region comprises crystalline silicon.

81.(Canceled)

82.(Previously Presented) A method of manufacturing a display device according to claim 79 wherein the first layer comprises titanium nitride.

83.(Previously Presented) A method of manufacturing a display device according to claim 79 wherein the second layer comprises aluminum containing 1% silicon.

84.(Previously Presented) A method of manufacturing a display device according to claim 79 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

85.(Previously Presented) A method of manufacturing a display device according to claim 79 wherein the gate electrode is formed over the semiconductor region.

86.(Previously Presented) A method of manufacturing a display device according to claim 79 wherein the display device is an active matrix type liquid crystal display device.

87.(Currently Amended) A method of manufacturing a display device comprising: forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; patterning the first and second layers so as to form an electrode; and forming a pixel electrode comprising a conductive oxide film zinc oxide over the second layer of the electrode.

88.(Previously Presented) A method of manufacturing a display device according to claim 87 wherein the semiconductor region comprises crystalline silicon.

89.(Canceled)

- 90.(Previously Presented) A method of manufacturing a display device according to claim 87 wherein the first layer comprises titanium nitride.
- 91.(Previously Presented) A method of manufacturing a display device according to claim 87 wherein the second layer comprises aluminum containing 1% silicon.
- 92.(Previously Presented) A method of manufacturing a display device according to claim 87 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 93.(Previously Presented) A method of manufacturing a display device according to claim 87 wherein the gate electrode is formed over the semiconductor region.
- 94.(Previously Presented) A method of manufacturing a display device according to claim 87 wherein the display device is an active matrix type liquid crystal display device.
- 95.(Currently Amended) A method of manufacturing a display device comprising: forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; patterning the first and second layers so as to form an electrode;

forming a conductive oxide film <u>comprising zinc oxide</u> over the second layer of the electrode; and

patterning the conductive oxide film <u>comprising zinc oxide</u> so as to form a pixel electrode.

96.(Previously Presented) A method of manufacturing a display device according to claim 95 wherein the semiconductor region comprises crystalline silicon.

97.(Canceled)

98.(Previously Presented) A method of manufacturing a display device according to claim 95 wherein the first layer comprises titanium nitride.

99.(Previously Presented) A method of manufacturing a display device according to claim 95 wherein the second layer comprises aluminum containing 1% silicon.

100.(Previously Presented) A method of manufacturing a display device according to claim 95 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

101.(Previously Presented) A method of manufacturing a display device according to claim 95 wherein the gate electrode is formed over the semiconductor region.

102.(Previously Presented) A method of manufacturing a display device according to claim 95 wherein the display device is an active matrix type liquid crystal display device.

103.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; forming a third layer having a barrier characteristics on the second layer; and forming a pixel electrode comprising a conductive oxide film on the third layer.

104.(New) A method of manufacturing a display device according to claim 103 wherein the semiconductor region comprises crystalline silicon.

105.(New) A method of manufacturing a display device according to claim 103 wherein the first layer comprises titanium nitride.

106.(New) A method of manufacturing a display device according to claim 103 wherein the second layer comprises aluminum containing 1% silicon.

107.(New) A method of manufacturing a display device according to claim 103 wherein the third layer comprises titanium nitride.

108.(New) A method of manufacturing a display device according to claim 103 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

109.(New) A method of manufacturing a display device according to claim 103 wherein the gate electrode is formed over the semiconductor region.

110.(New) A method of manufacturing a display device according to claim 103 wherein the display device is an active matrix type liquid crystal display device.

111.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; forming a third layer having a barrier characteristics on the second layer; and forming a pixel electrode comprising zinc oxide on the third layer.

112.(New) A method of manufacturing a display device according to claim 111 wherein the semiconductor region comprises crystalline silicon.

- 113.(New) A method of manufacturing a display device according to claim 111 wherein the first layer comprises titanium nitride.
- 114.(New) A method of manufacturing a display device according to claim 111 wherein the second layer comprises aluminum containing 1% silicon.
- 115.(New) A method of manufacturing a display device according to claim 111 wherein the third layer comprises titanium nitride.
- 116.(New) A method of manufacturing a display device according to claim 111 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 117.(New) A method of manufacturing a display device according to claim 111 wherein the gate electrode is formed over the semiconductor region.
- 118.(New) A method of manufacturing a display device according to claim 111 wherein the display device is an active matrix type liquid crystal display device.
 - 119.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming an interlayer insulating film over the semiconductor region and over the gate electrode;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; and

forming a pixel electrode comprising a conductive oxide film over the second layer and over the interlayer insulating film.

120.(New) A method of manufacturing a display device according to claim 119 wherein the semiconductor region comprises crystalline silicon.

121.(New) A method of manufacturing a display device according to claim 119 wherein the first layer comprises titanium nitride.

122.(New) A method of manufacturing a display device according to claim 119 wherein the second layer comprises aluminum containing 1% silicon.

123.(New) A method of manufacturing a display device according to claim 119 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

124.(New) A method of manufacturing a display device according to claim 119 wherein the interlayer insulating film comprises silicon oxide.

125.(New) A method of manufacturing a display device according to claim 119 wherein the display device is an active matrix type liquid crystal display device.

126.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming an interlayer insulating film over the semiconductor region and over the gate electrode;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; and

forming a pixel electrode comprising zinc oxide over the second layer and over the interlayer insulating film.

- 127.(New) A method of manufacturing a display device according to claim 126 wherein the semiconductor region comprises crystalline silicon.
- 128.(New) A method of manufacturing a display device according to claim 126 wherein the first layer comprises titanium nitride.
- 129.(New) A method of manufacturing a display device according to claim 126 wherein the second layer comprises aluminum containing 1% silicon.
- 130.(New) A method of manufacturing a display device according to claim 126 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 131.(New) A method of manufacturing a display device according to claim 126 wherein the interlayer insulating film comprises silicon oxide.
- 132.(New) A method of manufacturing a display device according to claim 126 wherein the display device is an active matrix type liquid crystal display device.
 - 133.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming an interlayer insulating film over the semiconductor region and over the gate electrode;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer;

forming a third layer having a barrier characteristics on the second layer; and

forming a pixel electrode comprising a conductive oxide film on the third layer and over the interlayer insulating film.

134.(New) A method of manufacturing a display device according to claim 133 wherein the semiconductor region comprises crystalline silicon.

135.(New) A method of manufacturing a display device according to claim 133 wherein the first layer comprises titanium nitride.

136.(New) A method of manufacturing a display device according to claim 133 wherein the second layer comprises aluminum containing 1% silicon.

137.(New) A method of manufacturing a display device according to claim 133 wherein the third layer comprises titanium nitride.

138.(New) A method of manufacturing a display device according to claim 133 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

139.(New) A method of manufacturing a display device according to claim 133 wherein the interlayer insulating film comprises silicon oxide.

140.(New) A method of manufacturing a display device according to claim 133 wherein the display device is an active matrix type liquid crystal display device.

141.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode with a gate insulating film interposed therebetween;

forming an interlayer insulating film over the semiconductor region and over the gate electrode;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer; forming a third layer having a barrier characteristics on the second layer; and

forming a pixel electrode comprising zinc oxide on the third layer and over the interlayer insulating film.

- 142.(New) A method of manufacturing a display device according to claim 141 wherein the semiconductor region comprises crystalline silicon.
- 143.(New) A method of manufacturing a display device according to claim 141 wherein the first layer comprises titanium nitride.
- 144.(New) A method of manufacturing a display device according to claim 141 wherein the second layer comprises aluminum containing 1% silicon.
- 145.(New) A method of manufacturing a display device according to claim 141 wherein the third layer comprises titanium nitride.
- 146.(New) A method of manufacturing a display device according to claim 141 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 147.(New) A method of manufacturing a display device according to claim 141 wherein the interlayer insulating film comprises silicon oxide.
- 148.(New) A method of manufacturing a display device according to claim 141 wherein the display device is an active matrix type liquid crystal display device.
 - 149.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode over the semiconductor region with a gate insulating film interposed therebetween;

forming an interlayer insulating film over the semiconductor region and over the gate electrode;

Page 22

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer;

forming a third layer having a barrier characteristics on the second layer; and forming a pixel electrode comprising a conductive oxide film on the third layer and over the interlayer insulating film.

- 150.(New) A method of manufacturing a display device according to claim 149 wherein the semiconductor region comprises crystalline silicon.
- 151.(New) A method of manufacturing a display device according to claim 149 wherein the first layer comprises titanium nitride.
- 152.(New) A method of manufacturing a display device according to claim 149 wherein the second layer comprises aluminum containing 1% silicon.
- 153.(New) A method of manufacturing a display device according to claim 149 wherein the third layer comprises titanium nitride.
- 154.(New) A method of manufacturing a display device according to claim 149 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.
- 155.(New) A method of manufacturing a display device according to claim 149 wherein the interlayer insulating film comprises silicon oxide.
- 156.(New) A method of manufacturing a display device according to claim 149 wherein the display device is an active matrix type liquid crystal display device.
 - 157.(New) A method of manufacturing a display device comprising:

forming a thin film transistor over a substrate, the thin film transistor comprising a semiconductor region and a gate electrode over the semiconductor region with a gate

insulating film interposed therebetween;

forming an interlayer insulating film over the semiconductor region and over the gate electrode;

forming a first layer having a barrier characteristics on the semiconductor region; forming a second layer comprising aluminum on the first layer;

forming a third layer having a barrier characteristics on the second layer; and forming a pixel electrode comprising zinc oxide on the third layer and over the interlayer insulating film.

158.(New) A method of manufacturing a display device according to claim 157 wherein the semiconductor region comprises crystalline silicon.

159.(New) A method of manufacturing a display device according to claim 157 wherein the first layer comprises titanium nitride.

160.(New) A method of manufacturing a display device according to claim 157 wherein the second layer comprises aluminum containing 1% silicon.

161.(New) A method of manufacturing a display device according to claim 157 wherein the third layer comprises titanium nitride.

162.(New) A method of manufacturing a display device according to claim 157 wherein the gate electrode comprises at least one selected from the group consisting of aluminum, silicon, titanium, tantalum, tungsten, and molybdenum.

163.(New) A method of manufacturing a display device according to claim 157 wherein the interlayer insulating film comprises silicon oxide.

164.(New) A method of manufacturing a display device according to claim 157 wherein the display device is an active matrix type liquid crystal display device.